

Historical File Copy

DEPARTMENT OF RAILWAYS AND CANALS

CANAL STATISTICS

FOR THE

SEASON OF NAVIGATION

1918

PRINTED BY ORDER OF PARLIAMENT.



OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTED TO THE KING'S MOST EXCELLENT MAJESTY
1919.

Historical File Copy

DEPARTMENT OF CANALS AND NAVIGATION

CANAL STATISTICS

SEASON OF NAVIGATION

1918

*To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., C.C.V.O., etc.,
etc., Governor General and Commander in Chief of the Dominion of Canada.*

MAY IT PLEASE YOUR EXCELLENCY,—

The undersigned has the honour to present to Your Excellency, Canal Statistics for the year ended December 31, 1918.

All of which is respectfully submitted.

J. D. REID,

Minister of Railways and Canals.

To the Honourable J. D. REID,
Minister of Railways and Canals.

SIR,—I have the honour to submit the annual report of the Comptroller of Statistics in relation to the operations of the Canals of the Dominion for the year ended December 31, 1918.

I have the honour to be, sir,

Your obedient servant,

G. A. BELL,
Deputy Minister of Railways and Canals.

OFFICE OF THE COMPTROLLER OF STATISTICS,
OTTAWA, April 7, 1919.

G. A. BELL, Esq., C.M.G.,
Deputy Minister of Railways and Canals.

SIR,—I have the honour to submit herewith Canal Statistics for the year ended December 31, 1918.

ABRIDGED REPORT.

The condensed and abridged form of report adopted last year, owing to conditions created by the war, has been continued for 1918.

VOLUME AND DISTRIBUTION OF TRAFFIC.

	Tons.	Increase.	Decrease.
		Tons.	Tons.
Sault Ste Marie.....	12,917,711		2,533,381
Welland.....	2,174,298		316,244
St. Lawrence.....	3,031,134		360,010
Chambly.....	369,186		65,632
St. Peter's.....	59,716		2,538
Murray.....	44,735		12,868
Ottawa.....	167,170		47,665
Rideau.....	54,136		30,413
Trent.....	64,893	15,969	
St. Andrews.....	4,640		2,534
Total.....	18,883,619	15,969	3,371,285

GROSS TRAFFIC SINCE 1915.

	Tons.		Tons.
1905.....	9,371,744	1912.....	47,587,246
1906.....	10,523,185	1913.....	52,053,913
1907.....	20,543,639	1914.....	37,023,237
1908.....	17,502,820	1915.....	15,198,803
1909.....	33,720,748	1916.....	23,583,491
1910.....	42,990,608	1917.....	22,238,935
1911.....	38,030,353	1918.....	18,883,619

9 GEORGE V, A. 1919

ANALYSIS OF TRAFFIC.

Canals.	Products of the Farm.	Manu- factures.	Products of Forest.	Products of Mines.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.
1917.					
Sault Ste. Marie.....	1,513,446	259,983	41,808	11,098,474	12,913,711
Welland.....	287,986	229,829	123,979	1,532,504	2,174,298
St. Lawrence.....	337,862	235,014	397,678	2,060,580	3,031,134
Chambly.....	21,124	30,271	219,387	98,404	369,186
St. Peter's.....	9,790	6,793	1,940	41,193	59,716
Murray.....		7,796		36,939	44,735
Ottawa.....	6,450	19,048	84,540	57,132	167,170
Rideau.....	3,311	9,408	7,378	34,039	54,136
Trent.....	2,155	2,274	59,367	1,097	64,893
St. Andrews.....	7	54	4,579		4,640
Total.....	2,182,131	800,470	940,656	14,960,362	18,883,619

	1913.	1914.	1915.	1916.	1917.	1918.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Products of the farm.....	16.44	21.55	34.18	22.00	17.27	11.56
Manufactures.....	3.61	3.29	7.21	3.53	3.65	4.25
Products of forest.....	3.22	4.38	9.83	5.87	5.26	4.94
Products of mine.....	76.73	70.78	48.78	68.60	73.82	79.25

CANADIAN AND AMERICAN TRAFFIC.

Neither the Canals of Canada nor those of the United States impose tolls. Perfect reciprocity prevails in the use of these artificial waterways.

Year.	Canadian Vessels.		U.S. Vessels.		Freight Tonnage.		
	No.	Tonnage.	No.	Tonnage.	Canada.	United States.	Total.
1908.....	29,040	6,780,789	7,489	4,835,320	5,012,147	12,190,673	17,502,820
1909.....	22,507	7,811,578	9,996	16,459,322	7,378,057	26,342,691	33,720,748
1910.....	25,337	8,931,790	11,462	21,777,297	7,883,614	35,106,994	42,990,608
1911.....	25,585	9,172,192	10,370	18,231,622	7,792,907	30,237,446	38,030,353
1912.....	27,371	10,237,335	11,785	24,636,190	9,376,529	38,210,716	47,587,245
1913.....	28,654	12,078,041	10,739	24,238,788	11,130,875	40,923,038	52,053,913
1914.....	26,125	12,050,856	7,742	15,636,414	9,382,206	27,641,031	37,023,237
1915.....	21,575	9,398,207	6,415	7,385,101	6,789,423	8,409,380	15,198,803
1916.....	23,002	9,839,029	6,800	10,660,839	7,486,962	16,096,529	23,583,491
1917.....	21,588	9,831,694	6,594	10,259,772	5,964,369	16,274,566	22,238,935
1918.....	18,909	7,800,972	6,791	9,616,200	3,369,477	15,514,142	18,883,619

TRANSPORTATION OF CANADIAN WHEAT.

Since 1895 the volume of Canadian wheat annually carried through the Canadian canal at Sault Ste. Marie has been as follows:—

	Bushels.		Bushels.
1895.....	1,087,800	1907.....	34,602,00
1896.....	7,274,000	1908.....	41,793,30
1897.....	9,130,167	1909.....	48,047,83
1898.....	3,456,934	1910.....	51,774,83
1899.....	7,699,267	1911.....	63,641,00
1900.....	5,573,267	1912.....	83,743,03
1901.....	5,893,034	1913.....	101,066,133
1902.....	19,896,900	1914.....	77,467,833
1903.....	25,807,800	1915.....	48,727,911
1904.....	25,250,969	1916.....	82,807,342
1905.....	22,603,500	1917.....	60,551,243
1906.....	26,361,400	1918.....	19,987,255

In 1918 a large volume of Canadian wheat passed through the American canal at Sault Ste. Marie. This was true, in degree, of preceding years.

SESSIONAL PAPER No. 20a

COMPARISON OF 1915, 1916 AND 1917.

	1915.	1916.	1917.	1918.
	Bushels.	Bushels.	Bushels.	Bushels.
Through the Canadian Canal.....	48,727,911	82,807,342	60,551,243	19,987,255
Through the American Canal.....	121,389,950	102,196,325	98,023,019	42,312,016
Total.....	170,117,861	185,003,667	158,574,262	62,299,271

Canadian wheat in the form of flour, had a total of 7,061,913 bushels. There were 1,569,314 barrels of flour, which were calculated into wheat on the basis of 4½ bushels to the barrel.

The total volume of waterborne wheat in 1917 and 1918 would thus be made up as follows :—

	1917.	1918.
	Bushels.	Bushels.
Through the Canadian canal.....	60,551,243	19,987,255
Through the American canal.....	98,023,019	42,312,016
In the form of flour.....	13,230,850	7,061,913
Total.....	171,805,112	69,361,184

The distribution of Canadian wheat, moved through the Canadian and American canals at Sault Ste. Marie from Port Arthur-Fort William, was as follows :—

From	1915.	1916.	1917.	1918.
Port Arthur-Fort William.	Bushels.	Bushels.	Bushels.	Bushels.
To Montreal.....	3,512,410	1,233,982	1,280,170	728,500
To Georgian Bay ports.....	25,065,999	46,406,749	52,453,042	38,774,391
To other Canadian ports.....	33,067,613	28,029,847	31,369,487	20,638,204
To Buffalo.....	106,784,542	106,349,943	72,872,692	2,158,176
Total.....	168,430,564	182,020,521	157,975,391	62,299,271

“Other Canadian ports” practically means Port Colborne at the western entrance to the Welland Canal.

MOVEMENT OF CANADIAN WHEAT BY MONTHS, 1918.

1918.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<i>Canadian Canal.</i>	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Fort William-Port Arthur to Montreal.....		71,817	50,500	241,633	66,550	46,000	160,000	92,000		728,500
" Georgian Bay.....	190,000	260,700	564,500		54,000	98,366	4,283,611	3,175,500	816,646	9,443,323
" Other Can. ports.....	206,600	749,000	626,000	449,000	302,000	790,500	2,811,000	1,958,832	1,414,500	9,307,432
" Buffalo.....			445,300	62,700						508,000
Total.....	396,600	1,081,517	1,686,300	753,333	422,550	934,866	7,254,611	5,226,332	2,231,146	19,987,255
<i>American Canal.</i>										
Fort William-Port Arthur to Montreal.....										
" Georgian Bay.....	3,173,174	140,000	959,031	233,000	24,000	268,000	2,183,876	17,862,987	4,487,000	29,331,068
" Other Can. ports.....	498,114	556,268	988,000	152,009	54,500		1,966,000	3,607,550	3,508,331	11,330,772
" Buffalo.....	373,759	754,787	400,000					121,630		1,650,176
Total.....	4,045,047	1,451,055	2,347,031	385,009	78,500	268,000	4,149,876	21,592,167	7,995,331	42,312,016
<i>Canadian and American Canals.</i>										
Fort William-Port Arthur to Montreal.....		71,817	50,500	241,633	66,550	46,000	160,000	92,000		728,500
" Georgian Bay.....	3,363,174	400,700	1,523,531	233,000	78,000	366,366	6,467,487	21,038,487	5,303,664	38,774,391
" Other Can. ports.....	704,714	1,305,268	1,614,000	601,009	356,500	790,500	4,777,000	5,566,382	4,922,831	20,638,204
" Buffalo.....	373,759	754,787	845,300	62,700				121,630		2,158,176
Grand total.....	4,441,647	2,532,572	4,033,331	1,138,342	501,050	1,202,866	11,404,487	26,818,499	10,226,477	62,299,271

SESSIONAL PAPER No. 20a

There was a large volume of wheat moved during the year 1918 from Port Colborne to Montreal, which might properly be added to the foregoing total for Fort William-Port Arthur to Montreal. Port Colborne was used as a port of transfer. It might, in fact, be assumed that nearly all the wheat moved from the head of the Great Lakes to "other Canadian ports" actually went to Montreal.

A helpful light is thrown on the foregoing table when the monthly totals are reduced to a percentage basis, as follows:—

	1915.	1916.	1917.	1918.		1915.	1916.	1917.	1918.
April.....	4.8	8.6	....	7.1	September.....	7.3	6.1	4.1	1.9
May.....	5.5	16.9	19.2	4.1	October.....	27.5	8.7	19.6	18.3
June.....	2.0	11.9	14.5	6.5	November.....	29.7	12.0	21.6	43.1
July.....	1.9	14.4	6.1	1.8	December.....	20.0	9.6	9.7	16.4
August.....	1.3	11.8	5.2	.8					

FREIGHT RATES BY WATER.

Carriers by water obtained exceptionally high rates on wheat during the season of 1918, which may be accepted as indicating heavy tolls for all commodities.

Rates of freight over the different routes were as follows:—

	1915.	1916.	1917.	1918.
Port Arthur—Fort William to Montreal—				
Per ton, per mile.....	0.132 cent.	0.205 cent.	0.265 cent.	0.309 cent.
Per bushel.....	4.99 "	7.55 "	9.78 "	11.39 "
Per ton.....	\$1.66	\$2.52	\$3.26	\$3.80
Port Arthur—Fort William to Georgian Bay—				
Per ton per mile.....	0.282 cent.	0.264 cent.	0.270 cent.	0.277 cent.
Per bushel.....	3.54 "	4.10 "	4.25 "	4.32 "
Per ton.....	\$1.18	\$1.37	\$1.42	\$1.44
Port Arthur—Fort William to other Canadian ports—				
Per ton per mile.....	0.124 cent.	0.169 cent.	0.185 cent.	0.205 cent.
Per bushel.....	2.84 "	3.68 "	4.18 "	4.48 "
Per ton.....	94.80 "	\$1.22	\$1.39	\$1.49
Port Arthur—Fort William to Buffalo—				
Per ton per mile.....	0.159 cent.	0.159 cent.	0.196 cent.	0.158 cent.
Per bushel.....	3.97 "	4.27 "	5.00 "	4.11 "
Per ton.....	\$1.32	\$1.42	\$1.67	\$1.37

The rates from Duluth were substantially the same as Port Arthur-Fort William.

In order that the bearing of the foregoing freight rates may be properly understood in their relationship to gross earnings, allowance should be made for the following charges paid by ship owners on all cargoes of wheat moved between Fort William and Montreal:—

Clearing house at Fort William.....	.01 to .03 cent per bush.
Trimmers at Fort William.....	.06 " "
Elevation at Montreal.....	.30 " "
Shovelling at Montreal.....	.20 " "
Total.....	.59 cent per bushel.

To Port Colborne the average deductions would amount to .44 per bushel to Buffalo .41, and to Georgian Bay ports .38.

9 GEORGE V, A. 1919

MOVEMENT OF OTHER CANADIAN GRAIN.

A considerable volume of other Canadian grain than wheat passed through the Canadian and American canals at Sault Ste. Marie in 1918.. The facts for the past four years are as follows :—

	1915.	1916.	1917.	1918.
	Bushels.	Bushels.	Bushels.	Bushels.
Oats.....	26,798,488	57,743,636	37,014,644	10,120,625
Barley.....	4,496,509	8,679,607	5,149,725	3,470,358
Flax seed.....	2,068,582	4,931,569	5,073,760	1,538,052
Total.....	33,363,579	71,354,812	47,238,129	15,179,035

VESSEL AND FREIGHT TONNAGE PASSED THROUGH THE SAULT STE. MARIE CANAL,

Years.	Canadian Vessels.		U.S. Vessels.		Total No.	Vessel Tonnage.	Freight Tonnage.			Lockages. No.	Days Open. No.	Remarks.
	No.	Tonnage.	No.	Tonnage.			Canadian.	United States.	Total.			
1895.....	609	126,534	583	623,092	1,192	749,626			595,837	699	87	Canal first opened Sept. 9, 1895.
1896.....	2,070	589,407	3,066	3,805,749	5,136	4,395,156			4,577,399	3,042	218	
1897.....	1,909	405,546	2,359	3,391,936	4,268	3,797,482			4,947,065	2,604	238	
1898.....	1,811	403,931	1,864	2,353,699	3,675	2,757,630			3,055,387	2,520	243	
1899.....	2,000	558,552	1,769	2,389,457	3,769	2,948,009			3,006,664	2,610	239	
1900.....	1,790	577,310	1,291	1,617,438	2,081	2,194,748			2,035,677	2,205	238	
1901.....	2,796	775,151	1,408	1,674,597	4,204	2,449,748			2,820,394	2,910	246	
1902.....	3,080	1,366,930	1,964	3,237,372	5,044	4,604,302			4,729,268	3,418	264	
1903.....	2,711	1,615,939	1,640	3,146,897	4,351	4,762,746			5,511,868	3,242	256	
1904.....	2,637	1,555,042	1,325	2,675,663	3,962	4,230,705			5,030,705	3,022	241	
1905.....	3,970	1,803,299	1,692	2,734,349	5,662	5,537,637			5,473,406	4,031	255	
1906.....	3,922	1,959,252	1,758	4,399,872	5,680	6,359,124			6,574,039	4,152	253	
1907.....	3,217	2,154,688	3,132	9,961,281	5,349	12,115,969			15,588,165	4,596	238	
1908.....	3,289	2,603,232	2,204	7,035,655	5,293	9,638,887	2,092,231	10,666,985	12,759,216	3,667	235	Origin of cargo first shown.
1909.....	2,597	2,988,936	3,734	14,850,738	6,331	17,839,674	3,366,495	24,494,750	27,861,245	5,046	240	
1910.....	2,744	3,173,494	5,228	20,187,704	7,972	23,361,198	2,345,619	33,050,068	36,395,687	6,110	248	
1911.....	2,713	3,108,880	4,068	16,252,340	6,781	19,361,220	3,177,581	27,774,128	30,951,709	6,802	236	
1912.....	2,643	3,296,229	5,213	22,536,015	7,856	25,832,244	4,090,362	35,579,293	39,669,655	6,200	240	
1913.....	3,279	3,793,434	5,006	22,181,007	8,285	25,974,441	4,954,734	37,744,590	42,699,324	6,266	246	
1914.....	3,011	3,473,292	2,966	13,827,870	6,977	17,301,162	3,609,747	23,989,437	27,599,184	4,712	239	
1915.....	3,000	3,041,003	1,331	5,443,812	4,331	8,484,815	2,561,734	5,189,223	7,750,957	4,374	248	
1916.....	4,595	4,089,937	2,094	8,703,187	6,689	12,793,124	4,155,911	12,657,738	16,813,649	4,777	245	
1917.....	3,199	3,182,960	2,138	8,712,604	5,337	11,895,564	2,875,590	12,571,503	15,447,092	4,142	237	
1918.....	3,067	2,436,500	1,992	7,594,042	5,059	10,030,542	1,336,861	11,576,850	12,913,711	4,034	241	

I have the honor to be, sir,

Your obedient servant,

J. L. PAYNE,

Comptroller of Statistics.

TABLE 1.—Comparative Statement of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation 1917 and 1918.

	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	United States.
1917.													
Sault Ste. Marie.....	248,394	1,946,779	13,848	676,264	449,710	11,113,538	886,465	112,094	1,598,417	13,848,675	15,447,092	2,875,590	12,571,502
Welland.....	143,586	689,810	158,609	1,585	13,934	21,966	6,057	1,463,995	313,186	2,177,356	2,490,542	981,914	1,508,628
St. Lawrence.....	263,933	795,238	292,214	29,769	17	50	5,257	2,004,666	561,421	2,829,723	3,391,144	1,370,533	2,020,611
Chambly.....	3,200	8,906	253,353	15,518				153,841	256,553	178,265	434,818	281,292	153,526
St. Peter's.....	14,520	47,734							14,520	47,734	62,254	62,254	
Murray.....	51,987	2,418						3,198	51,987	5,616	57,603	54,405	3,198
Ottawa.....	12,404	141,681		48,392				12,051	307	190,380	214,835	200,053	13,882
Rideau.....	52,285	29,284						2,980	52,285	32,264	84,549	81,330	3,219
Trent.....	15,678	33,246							15,678	33,246	48,924	48,924	
St. Andrews.....	7,003	171							7,003	171	7,174	7,174	
Grand total.....	803,990	3,695,267	718,024	771,528	463,661	11,135,554	909,830	3,741,081	2,895,505	19,343,430	22,238,935	5,964,369	16,274,566
1918.													
Sault Ste. Marie.....	225,857	877,507	9,520	241,094	342,237	10,481,093	651,247	85,156	1,228,861	11,684,850	12,913,711	1,336,861	11,576,850
Welland.....	95,285	385,684	76,712		9,923	5,985		1,600,709	181,920	1,992,378	2,174,298	495,607	1,678,691
St. Lawrence.....	183,694	407,728	261,309	66,369			6,551	2,105,483	451,554	2,579,580	3,031,134	890,940	2,140,194
Chambly.....	2,897	11,833	247,826					106,630	250,723	118,463	369,186	262,556	106,630
St. Peter's.....	13,915	45,801							13,915	45,801	59,716	59,716	
Murray.....	40,370	3,531	35					799	40,405	4,330	44,735	43,901	834
Ottawa.....	13,715	83,732		63,486			6,237		19,952	147,218	167,170	159,700	7,470
Rideau.....	34,564	19,572							34,564	19,572	54,136	50,663	3,473
Trent.....	16,796	48,097							16,796	48,097	64,893	64,893	
St. Andrews.....	4,626	14							4,626	14	4,640	4,640	
Grand total.....	631,719	1,883,499	595,402	370,949	352,160	10,487,078	664,035	3,898,777	2,243,316	16,640,303	18,883,619	3,369,477	15,514,142

TABLE 2.—Statement showing the Number, Tonnage, and Nationality of Vessels passed through the several Canals during the Season of Navigation in 1918.

Canadian Vessels. Steam and Sail.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Sault Ste. Marie.....	3,067	795,809	679,275	220,470	85,128	215,882	290,575	139,320	10,041	1,371,481	1,065,019	2,436,500
Welland.....	2,088	240,192	247,142	641,960	376	9,128	1,668		619,835	891,280	869,021	1,760,301
St. Lawrence.....	5,687	636,131	651,246	760,127	295			1,004	791,115	1,397,262	1,442,656	2,839,918
Chambly.....	571	26,008	26,760	16,889					16,745	42,897	43,505	86,402
Ottawa.....	1,165	105,522	107,545	112	2,249			3,564		109,198	109,794	218,992
Rideau.....	1,156	35,673	39,814							35,673	39,814	75,487
St. Peter's.....	1,067	35,770	32,971							35,770	32,971	68,741
Trent Valley.....	3,540	85,413	86,583							85,413	86,583	171,996
Murray.....	438	54,777	54,909	3,786	260			5	836	58,568	56,005	114,573
St. Andrews.....	130	13,117	14,945							13,117	14,945	28,062
Total Canadian.....	18,909	2,028,412	1,941,190	1,643,344	88,308	225,010	292,243	143,893	1,438,572	4,040,659	3,760,313	7,800,972
United States Vessels.												
Sault Ste. Marie.....	1,992	50,790	48,691	52,215	156,365	2,584,338	4,492,448	172,274	36,921	2,859,617	4,734,425	7,594,042
Welland.....	1,104	26,851	18,969	213,907	2,146	17,518	10,512	1,378	543,807	259,654	575,434	835,088
St. Lawrence.....	1,610	11,967	5,239	326,897	19,603			10,485	595,916	349,349	620,758	970,107
Chambly.....	1,726			87,120					90,200	87,120	90,200	177,320
Ottawa.....	323	6,299			19,446			8,753		15,052	19,446	34,498
Rideau.....	8	1,658	1,658							1,658	1,658	3,316
St. Peter's.....	4	273	273							273	273	546
Trent Valley.....	9	37	27					63		100	37	137
Murray.....	15			553	177	388	2	4	22	945	201	1,146
St. Andrews.....												
Total United States.....	6,791	97,875	74,867	680,692	197,737	2,602,244	4,502,962	192,957	1,266,866	3,573,768	6,042,432	9,616,200
Grand total Canadian and United States.....	25,700	2,126,287	2,016,057	2,324,036	286,045	2,827,254	4,795,205	336,850	2,705,438	7,614,427	9,802,745	17,417,172

TABLE 3.—Statement showing the Number, Tonnage, and Nationality of Vessels passed through the several Canals during the Season of Navigation in 1918—*Concluded*.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
SAULT STE. MARIE CANAL.												
Canadian Vessels, Steam.....	2,786	773,823	654,737	220,470	82,753	215,882	290,575	137,249	10,041	1,347,424	1,038,106	2,385,530
" Sail.....	281	21,986	24,538	.....	2,375	.....	.....	2,071	.....	24,057	26,913	50,970
Total, Canadian.....	3,067	795,809	679,275	220,470	85,128	215,882	290,575	139,320	10,041	1,371,481	1,065,019	2,436,500
United States Vessels, Steam...	1,976	50,095	48,253	52,215	154,661	2,584,338	4,492,448	170,562	36,921	2,857,210	4,732,283	7,589,493
" Sail.....	16	695	438	.....	1,704	.....	.....	1,712	.....	2,407	2,142	4,549
Total, United States.....	1,992	50,790	48,691	52,215	156,365	2,584,338	4,492,448	172,274	36,921	2,859,617	4,734,425	7,594,042
Grand total, Sault Ste. Marie Canal.	5,059	846,599	727,966	272,685	241,493	2,800,220	4,783,023	311,594	46,962	4,231,098	5,799,444	10,030,542
WELLAND CANAL.												
Canadian Vessels, Steam.....	1,726	186,026	199,521	584,217	376	7,088	1,668	.....	545,187	777,331	746,752	1,524,083
" Sail.....	362	54,166	47,621	57,743	.....	2,040	.....	.....	74,648	113,949	122,269	236,218
Total, Canadian.....	2,088	240,192	247,142	641,960	376	9,128	1,668	.....	619,835	891,280	869,021	1,760,301
United States Vessels, Steam.....	970	6,794	4,413	206,379	1,525	16,371	8,838	1,378	513,160	230,922	527,936	758,858
" Sail.....	134	20,057	14,556	7,528	621	1,147	1,674	.....	30,647	28,732	47,498	76,230
Total, United States.....	1,104	26,851	18,969	213,907	2,146	17,518	10,512	1,378	543,807	259,654	575,434	835,088
Grand total, Welland Canal.....	3,192	267,043	266,111	855,867	2,522	26,646	12,180	1,378	1,163,642	1,150,934	1,444,455	2,595,389
ST. LAWRENCE CANALS.												
Canadian Vessels, Steam.....	3,430	355,264	367,462	646,392	.....	.....	.....	.....	663,769	1,001,656	1,031,231	2,032,887
" Sail.....	2,257	280,867	283,784	113,735	295	.....	.....	1,004	127,346	395,606	411,425	807,031
Total, Canadian.....	5,687	636,131	651,246	760,127	295	.....	.....	1,004	791,115	1,397,262	1,442,656	2,839,918

United States Vessels, Steam.....	1,122	4,013	4,332	304,430			570,849	308,443	575,181	883,624
" Sail.....	488	7,954	907	22,467	19,603		25,067	40,906	45,577	86,483
Total, United States.....	1,610	11,967	5,239	326,897	19,603		10,485	595,916	349,349	620,758
Grand total, St. Lawrence Canals...	7,297	648,098	656,485	1,087,024	19,898		11,489	1,387,031	1,746,611	2,063,414
CHAMBLY CANAL.										
Canadian Vessels, Steam.....	146	19,859	19,846				27	19,859	19,873	39,732
" Sail.....	425	6,149	6,914	16,889			16,718	23,038	23,632	46,670
Total, Canadian.....	571	26,008	26,760	16,889			16,745	42,897	43,505	86,402
United States Vessels, Steam.....										
" Sail.....	1,726			87,120			90,200	87,120	90,200	177,320
Total, United States.....	1,726			87,120			90,200	87,120	90,200	177,320
Grand total, Chambly Canal.....	2,297	26,008	26,760	104,009			106,945	130,017	133,705	263,722
OTTAWA CANALS.										
Canadian Vessels, Steam.....	572	54,424	58,742	112	896		672	55,208	59,638	114,841
" Sail.....	593	51,098	48,803		1,353		2,892	53,990	50,156	104,146
Total, Canadian.....	1,165	105,522	107,545	112	2,249		3,564	109,198	109,794	218,992
United States Vessels, Steam.....										
" Sail.....	323	6,299			19,446		8,753	15,052	19,446	34,498
Total, United States.....	323	6,299			19,446		8,753	15,052	19,446	34,498
Grand total, Ottawa Canals.....	1,488	111,821	107,545	112	21,695		12,317	124,250	129,240	253,490
RIDEAU CANAL.										
Canadian Vessels, Steam.....	1,031	30,161	33,831					30,161	33,831	63,992
" Sail.....	125	5,512	5,983					5,512	5,983	11,495
Total, Canadian.....	1,156	35,673	39,814					35,673	39,814	75,487
United States Vessels, Steam.....										
" Sail.....	8	1,658	1,658					1,658	1,658	3,316
Total, United States Vessels....	8	1,658	1,658					1,658	1,658	3,316
Grand total, Rideau Canal.....	1,164	37,331	41,472					37,331	41,472	78,803

TABLE 3.—Statement showing the Number, Tonnage, and Nationality of Vessels passed through the several Canals during the Season of Navigation in 1918.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
ST. PETER'S CANAL.												
Canadian Vessels, Steam.....	232	10,601	9,470							10,601	9,470	20,071
" Sail.....	835	25,169	23,501							25,169	23,501	48,670
Total, Canadian.....	1,067	35,770	32,971							35,770	32,971	68,741
United States Vessels, Steam.....												
" Sail.....	4	273	273							273	273	546
Total, United States Vessels.....	4	273	273							273	273	546
Grand total, St. Peter's Canal.....	1,071	36,043	33,244							36,043	33,244	69,287
TRENT VALLEY CANAL.												
Canadian Vessels, Steam.....	2,711	61,187	61,517							61,187	61,517	122,704
" Sail.....	829	24,226	25,066							24,226	25,066	49,292
Total, Canadian.....	3,540	85,413	86,583							85,413	86,583	171,996
United States Vessels, Steam.....	9	37	37					63		100	37	137
" Sail.....												
Total, United States.....	9	37	37					63		100	37	137
Grand total, Trent Valley Canal.....		85,450	86,620					63		85,513	86,620	172,133
MURRAY CANAL.												
Canadian Vessels, Steam.....	342	37,354	37,459	2,787	260			5	836	40,146	38,555	78,7
" Sail.....	96	17,423	27,450	999						18,422	17,450	35,872
Total, Canadian.....	438	54,777	54,909	3,786	260			5	836	58,568	56,005	114,573

United States Vessels, Steam	15			553	177	388	2	4	22	9 45	201	1,146
" Sail												
Total, United States	15			553	177	388	2	4	22	945	201	1,146
Grand total, Murray Canal	453	54,777	54,909	4,339	437	388	2	9	858	59,513	56,206	115,719
St. ANDREWS CANAL.												
Canadian Vessels, Steam	99	9,290	9,171							9,290	9,171	18,461
" Sail	31	3,827	5,774							3,827	5,774	9,601
Total, Canadian	130	13,117	14,945							13,117	14,945	28,062
United States Vessels, Steam												
" Sail												
Total, United States												
Grand total, St. Andrews Canal	130	13,117	14,945							13,117	14,945	28,062

9 GEORGE V, A. 1919

TABLE 4.—Comparative Statement of all the Canals, for the years ending December 31, for 1917 and 1918.

Articles.	1917.	1918.	Increase.	Decrease.
CLASS NO. 1.				
	Tons.	Tons.	Tons.	Tons.
Canadian Vessels, Steam.....	8,069,255	6,401,007		1,668,248
" Sail.....	1,762,439	1,399,965		362,474
United States Vessels, Steam.....	9,934,251	9,202,963		731,288
" Sail.....	325,521	413,237	87,716	
Total Class No. 1.....	20,091,466	17,417,172	87,716	2,762,010
CLASS NO. 2.				
	No.	No.	No.	No.
Passengers.....	244,819	212,151		32,668
CLASS NO. 3.				
	Tons.	Tons.	Tons.	Tons.
Barley.....	137,518	145,620	8,102	
Buckwheat.....	16	4		12
Corn.....	15,658	3,626		12,032
Oats.....	398,376	231,240		167,136
Rye.....	5,789	27,805	22,016	
Flax.....	35,232	54,788	19,556	
Peas.....	112	67		45
Wheat.....	2,815,253	1,330,740		1,484,513
Flour.....	356,428	319,733		36,695
Hay.....	23,628	32,682	9,054	
Other Mill Products.....	32,872	5,525		27,347
Fruit and vegetables.....	3,449	3,578	129	
Potatoes.....	3,361	4,209	848	
Live stock.....	1,249	1,167		82
Poultry, game and fish.....	2,451	3,224	773	
Dressed meats.....	128	8,854	8,726	
Other packing house products.....	688	327		361
Hides and leather.....	107	41		66
Wool.....	115	1,293	1,178	
All other animal products.....	8,701	7,608		1,093
Total Class 3.....	3,841,131	2,182,131	70,382	1,729,382
CLASS NO. 4.				
	Tons.	Tons.	Tons.	Tons.
Agricultural implements.....	22,160	1,296		20,864
Cement, bricks and lime.....	25,107	4,869		20,238
Household goods and furniture.....	5,879	1,807		4,072
Iron—pig and bloom.....	7,466	7,991	525	
Iron and steel, all other.....	44,555	61,606	17,051	
Petroleum and other oils.....	200,857	251,105	50,248	
Sugar.....	6,834	16,904	10,070	
Salt.....	21,915	26,315	4,400	
Wines, liquors and beers.....	4,448	1,884		2,564
Merchandise not enumerated.....	473,937	426,693		47,244
Total Class 4.....	813,158	800,470	82,294	94,982
CLASS NO. 5.				
	Tons.	Tons.	Tons.	Tons.
Pulpwood.....	692,737	510,868		181,869
Sawed lumber.....	408,846	376,315		32,531
Square timber.....	5,273	1,731		3,542
Shingles.....	1,994	3,408	1,414	
Other woods.....	61,552	48,334		13,218
Total, Class 5.....	1,170,402	940,656	1,414	231,160

SESSIONAL PAPER No. 20a

Articles.	1917.	1918.	Increase.	Decrease.
CLASS No. 6.	Tons.	Tons.	Tons.	Tons.
Hard coal.....	832,924	593,411		239,513
Soft coal.....	3,887,353	3,870,350		17,003
Coke.....	4,907	4,500		407
Copper ore.....	8,644	22,107	13,463	
Iron ore.....	11,140,499	10,102,495		1,038,004
Other ore.....	27,708	14,473		13,235
Sand, etc.....	512,209	353,026		159,183
Total, Class 6.....	16,414,244	14,960,362	13,463	1,467,345
Grand total.....	22,238,935	18,883,619	167,553	3,522,869

Net decrease 3,355,316 tons.

TABLE 7 (No. 1)—General Statement showing the Quantity of each Article Transported on the Sault Ste. Marie Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		to		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canada.	U.S.
Agricultural implements	250								250		250	250	
Barley		53,927				30,545	1,560		1,560	84,472	86,032	53,927	32,105
Cement, bricks, etc.	431	5							431	5	436	436	
Coal, hard	5			3,200	49,550		29,270		78,825	3,200	82,025		82,025
“ soft	3,271		200		252,156		608,394		864,021		864,021	5	864,016
Coke								4,500	4,500		4,500		4,500
Flax		18,900		6,150		20,591				45,641	45,641	25,050	20,591
Flour		115,053				171,200				286,253	286,253	115,053	171,200
Fruits and vegetables		126								126	126	126	
Hay	55								55		55	55	
Iron, pig and bloom	3,055								3,055		3,055	3,055	
Iron and steel, all other	3,307	210			2,294				5,601	210	5,811	2,957	2,854
Merchandise	189,269	4,947		6,423	13,973	4,299	2,523		205,765	15,669	221,434	201,659	19,775
Oats		83,740				8,615		2,499		94,854	94,854	83,740	11,114
Other Mill Products		1,273				740				2,013	2,013	1,273	740
“ Woods	476	740	256						732	740	1,472	1,472	
Ore, all other	5,629	10,880			6,832				12,461	10,880	23,341	16,509	6,832
“ Copper						22,107				22,107	22,107		22,107
“ Iron				198,258	9,868,405		5,000	30,817	5,000	10,097,480	10,102,480	198,258	9,904,222
Petroleum	6,147								6,147		6,147	6,147	
Poultry, game and fish		128								128	128	128	
Pulpwood	8,175		9,064			11,940			17,239	11,940	29,179	17,239	11,940
Rye		3,052				24,746				27,798	27,798	3,052	24,746
Sawed lumber	369	47		917		6,980			369	7,944	8,313	1,333	6,980
Shingles						2,844				2,844	2,844		2,844
Square Timber													
Sugar	75				270				345		345	75	270
Salt	5,343				17,162				22,505		22,505	5,343	17,162
Wheat		584,377		26,146		306,896		51,840		969,259	969,259	599,617	369,642
Wool		102				1,185				1,287	1,287	102	1,185
Total Freight	225,857	877,507	9,520	241,094	342,237	10,481,093	651,247	85,156	1,228,861	11,684,850	12,913,711	1,336,861	11,576,850

TABLE 7 (No. 2)—General Statement showing the Quantity, of each Article Transported on the Welland Canal during the Season of Navigation in 1918.

200—3½

Articles	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canada.	U.S.
Agricultural implements	600								600		600	600	
Barley		29,286								29,286	29,286	29,286	
Coal, Hard					1,000				1,000		1,000		1,000
" soft						3,015		1,398,343		1,401,358	1,401,358		1,401,358
Corn								1,697		1,697	1,697		1,697
Dressed Meats								4,421		4,421	4,421		4,421
Flax		4,275								4,275	4,275	4,275	
Flour		1,668	950					12,976	950	14,644	15,594	2,618	12,976
Hay								3,490		3,490	3,490		3,490
Iron, pig and bloom	1,711	441				100		694	1,711	1,235	2,946	2,152	794
Iron and steel, all other	5,612							11,814	5,612	11,814	17,426	5,612	11,814
Merchandise	39,074	1	35			375		11,306	39,109	11,682	50,791	39,110	11,681
Oats		46,847						20,053		66,900	66,900	25,856	41,044
Ore, all other					8,923				8,923		8,923		8,923
Petroleum		98,428						59,578		158,006	158,006	96,652	61,354
Pulpwood	48,228		73,527						121,755		121,755	121,755	
Sawed Lumber						1,460		764		2,224	2,224		2,224
Sugar	60								60		60	60	
Sand and stone		45,650						75,573		121,223	121,223	45,650	75,573
Wheat		159,088	2,200			1,035			2,200	160,123	162,323	121,981	40,342
Total Freight	95,285	385,684	76,712		9,923	5,985		1,600,709	181,920	1,992,378	2,174,298	495,607	1,678,691

SESSIONAL PAPER No. 20a

CANAL STATISTICS

TABLE 7 (No. 3)—General Statement showing the Quantity of each Through Article Transported on the Welland Canal during the Season of Navigation in 1918.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canada.	U.S.
Agricultural implements	600								600		600	600	
Barley		29,286								29,286	29,286	29,286	
Coal, hard					1,000				1,000		1,000		1,000
“ soft						3,015		1,379,546	1,382,561	1,382,561	1,382,561		1,382,561
Corn								1,697	1,697	1,697	1,697		1,697
Dressed meats								4,421	4,421	4,421	4,421		4,421
Flax		4,275							4,275	4,275	4,275	4,275	
Flour		1,668	950					12,976	950	14,644	15,594	2,618	12,976
Hay								3,490	3,490	3,490	3,490		3,490
Iron, pig and bloom	1,711	441				100		694	1,711	1,235	2,946	2,152	794
Iron and steel, all other	5,612							11,814	5,612	11,814	17,426	5,612	11,814
Merchandise	39,074		35			375		11,306	39,109	11,681	50,790	39,109	11,681
Oats		46,847						20,053		66,900	66,900	25,856	41,044
Ore, all other					8,923				8,923	8,923	8,923		8,923
Petroleum		89,554						59,578		149,132	149,132	87,778	61,354
Pulpwood			73,527						73,527	73,527	73,527	73,527	
Sawed lumber						1,460		764		2,224	2,224		2,224
Sugar	60								60	60	60	60	
Sand and stone													
Wheat		159,088	2,200			1,035			2,200	160,123	162,323	121,981	40,342
Total Freight	47,057	331,159	76,712		9,923	5,985		1,506,339	133,692	1,843,483	1,977,175	392,854	1,584,321

"TABLE 7 (No. 4)—General Statement showing the Quantity of each Article Way Transported on the Welland Canal during the Season of Navigation in 1918.

Articles.	From Canadian to Canadian Ports.—		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U.S.
Coal, soft.....								18,797		18,797	18,797		18,797
Merchandise.....		1								1	1	1	
Petroleum.....		8,874								8,874	8,874	8,874	
Pulpwood.....	48,228								48,228		48,228	48,228	
Sand and stone.....		45,650						75,573		121,223	121,223	45,650	75,573
Total Freight.....	48,228	54,525						94,370	48,228	148,895	197,123	102,753	94,370

TABLE 7 (No. 5)—General Statement showing the Quantity of each Article Transported on the St. Lawrence Canals during the Season of Navigation in 1918.

Articles	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States
Agricultural implements	75	2							75	2	77	77	
All other animal	841	2,352							841	2,352	3,193	3,193	
Barley	2	30,132							2	30,132	30,134	30,134	
Buckwheat	2	2							2	2	4	4	
Cement, bricks, etc.	1,781	647					530		2,311	647	2,958	2,163	795
Coal, hard	3,393	265						422,230	3,393	422,495	425,888	215	425,673
“ soft	1,298	1,580					308	1,545,922	1,606	1,547,502	1,549,108	2,878	1,546,230
Corn	34	837						856	34	1,693	1,727	34	1,693
Dressed meats	2							4,421	2	4,421	4,423	2	4,421
Flax		4,871								4,871	4,871	4,871	
Flour	931	3,233	950					10,728	1,881	13,961	15,842	5,114	10,728
Fruits and vegetables	243	423							243	423	666	666	
Hay	6,301	2,111						962	6,301	3,073	9,374	8,096	1,278
Hides and leather	3	2							3	2	5	5	
Household goods	545	660							545	660	1,205	1,205	
Iron, pig and bloom	834	898							834	898	1,732	1,732	
Iron and steel, all other	3,295	20,069	3					11,948	3,298	32,017	35,315	23,367	11,948
Live stock	99	245							99	245	344	344	
Merchandise	30,938	47,848					2,802	10,666	33,740	58,514	92,254	78,795	13,459
Oats	205	39,174						28,475	205	67,649	67,854	36,329	31,525
Other Mill Products	344	1,058							344	1,058	1,402	1,402	
“ Packing House Products	34	26							34	26	60	60	
“ Woods	2,997	168							2,997	168	3,165	3,165	
Ore, all other	17,891	63,785					487	3,421	18,378	67,206	85,584	81,676	3,908
Peas	8	4							8	4	12	12	
Petroleum	7,657	14,682						62,325	7,657	77,007	84,664	22,339	62,325
Poultry, game, and fish	10	23							10	23	33	33	
Potatoes	90	213							90	213	303	303	
Pulpwood	36,939		259,156				2,424		298,519		298,519	298,519	
Rye		1								1	1	1	
Sawed lumber	18,162	10,695		66,369				49	18,162	77,113	95,275	95,226	49
Shingles	4	100							4	100	104	104	
Square timber	335	280							335	280	615	615	
Sugar	14,454	170							14,454	170	14,624	14,624	
Salt	1,061	52							1,061	52	1,113	1,113	
Wheat	31,201	160,732	2,200					3,480	33,401	164,212	197,613	171,451	26,162
Wines, liquors and beers	684	388							684	388	1,072	1,072	
Wool	1								1		1	1	
Total Freight	183,694	407,728	261,309	66,369			6,551	2,105,483	451,554	2,579,580	3,031,134	890,940	2,140,194

TABLE 7 (No. 6)—General Statement showing the Quantity of each Through Article Transported on the St. Lawrence Canals during the Season of Navigation in 1918.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	1								1		1		
All other animal.....	51	56							57	56	113		113
Barley.....		30,132								30,132	30,132		30,132
Cement, bricks, etc.....	757	2							757	2	759		759
Coal, hard.....	1,875												
“ soft.....							409,914		1,875	409,914	411,789		411,789
Dressed meats.....		4,421								1,543,053	1,543,053		1,543,053
Flax.....		4,871								4,421	4,421		4,421
Flour.....	10	3,013	950					10,728	960	4,871	4,871	4,871	10,728
Fruits and vegetables.....	1	164							1	164	165		165
Hay.....		316						962		1,278	1,278		1,278
Household goods.....	237	494							237	494	731		731
Iron, pig and bloom.....	447	442							447	442	889		889
Iron and steel, all other.....	1,532	15,783						11,845	1,532	27,728	29,260	17,315	11,945
Live stock.....		3								3	3		3
Merchandise.....	25,579	42,528					9,324		25,579	51,852	77,431	68,107	9,324
Oats.....	1	38,979							1	67,454	67,455	35,930	31,525
Other mill products.....	140								140		140	140	
“ Packing house products.....		3								3	3		3
“ Woods.....													
Petroleum.....	1,078	14,391					62,325		1,078	76,716	77,794	15,469	62,325
Pulpwood.....	36,939		259,156					2,424		298,519	298,519	298,519	
Sawed lumber.....								49		49	49		49
Sugar.....	13,462	16							13,462	16	13,478	13,478	
Salt.....	18	4							18	4	22		22
Wheat.....	1	158,520	2,200				3,480		2,201	162,000	164,201	138,039	26,162
Wines, liquors, and beers.....	22	356							22	356	378		378
Total Freight.....	82,157	314,494	262,306				2,424	2,080,255	346,887	2,394,749	2,741,636	629,037	2,112,599

TABLE 7 (No. 7)—General Statement showing the Quantity of each Way Article Transported on the St. Lawrence Canals during the Season of Navigation in 1918.

Articles.	Canadian From to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	74	2							74	2	76	76	
All other animal	784	2,296							784	2,296	3,080	3,080	
Barley	2								2		2	2	
Buckwheat	2								2		2	2	
Cements, bricks, etc.	1,024	645					530		1,554	645	2,199	1,404	795
Coal, hard	1,518	265					12,316		1,518	12,581	4,099	215	13,884
" soft	1,298	1,580					2,869		1,606	4,449	6,055	2,878	3,177
Corn	34	837					856		34	1,693	1,727	34	1,693
Dressed meats	2								2		2	2	
Flour	921	220							921	220	1,141	1,141	
Fruit and vegetables	242	259							242	259	501	501	
Hay	6,301	1,795							6,301	1,795	8,096	8,096	
Hides and leather	3	2							3	2	5	5	
Household goods	308	166							308	166	474	474	
Iron, pig and bloom	387	456							387	456	843	843	
Iron and steel, all other	1,763	4,286	3					3	1,766	4,289	6,055	6,052	3
Live stock	99	242							99	242	341	341	
Merchandise	5,359	5,320					2,802	1,342	8,161	6,662	14,823	10,688	4,135
Oats	204	195							204	195	399	399	
Other Mill products	204	1,058							204	1,058	1,262	1,262	
" Packing house products	34	23							34	23	57	57	
" Woods	2,997	168							2,997	168	3,165	3,165	
Ore, all other	17,891	63,785					487	3,421	18,378	67,206	85,584	81,676	3,908
Peas	8	4							8	4	12	12	
Petroleum	6,579	291							6,579	291	6,870	6,870	
Poultry, game and fish	10	23							10	23	33	33	
Potatoes	90	213							90	213	303	303	
Rye		1								1	1	1	
Sawed lumber	18,162	10,695		66,369					18,162	77,064	95,226	95,226	
Shingles	4	100							4	100	104	104	
Square timber	335	280							335	280	615	615	
Sugar	992	154							992	154	1,146	1,146	
Salt	1,043	48							1,043	48	1,091	1,091	
Wheat	31,200	2,212							31,200	2,212	33,412	33,412	
Wines, liquors and beers	662	32							662	32	694	694	
Wool)	1								1		1	1	
Total Freight	100,537	97,655	3	66,369			4,127	20,807	104,667	184,831	289,498	261,903	27,595

TABLE 7 (No. 8)—General Statement showing the Quantity of each Article Transported on the Chambly Canal during the Season of Navigation in 1918.

SESSIONAL PAPER No. 20A

CANAL STATISTICS

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States to United States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U.States.
Agricultural implements	146	1							146	1	147	147	
Cement, bricks, etc.	232								232		232	232	
Coal, hard	30	4					80,201	30	80,205	34	80,235	34	80,201
Coal, soft	15						10,119	15	10,119	15	10,134	15	10,119
Corn	136								136		136	136	
Dressed meats		2							2	2	2	2	
Flour	486	26							486	26	512	512	
Fruits and vegetables	25	1,750							25	1,750	1,775	17,75	
Hay	200	8,245	8,906						9,106	8,245	17,351	17,351	
Household goods	14	7							14	7	21	21	
Iron, pig and bloom	13								13		13	13	
Iron and Steel, all other	217	8							217	8	225	225	
Live stock	2	154							2	154	156	156	
Merchandise	447	502	20,093				8,275		20,540	8,777	29,317	21,042	8,275
Oats	6	370							6	370	376	376	
Other mill products	368	292							368	292	660	660	
Other packing house products	6	1							6	1	7	7	
Other Woods	70	391	560						630	391	1,021	1,021	
Peas	3	7							3	7	10	10	
Petroleum	93								93		93	93	
Poultry, game and fish		2								2	2	2	
Potatoes	81	40							81	40	121	121	
Pulpwood			42,329						42,329		42,329	42,329	
Sawed lumber	52	26	175,938						175,990	26	176,016	176,016	
Shingles	21								21		21	21	
Sugar	90	5							90	5	95	95	
Salt	116								116		116	116	
Wheat	16								16		16	16	
Wines, liquors and beers	12								12		12	12	
Wool													8,035
Sand							8,035			8,035	8,035		
Total freight	2,897	11,833	247,826				106,630		250,723	118,463	369,186	262,556	106,630

TABLE 7 (No. 9)—General Statement showing the Quantity of each Article Transported on the St. Peter's Canal during the Season of Navigation in 1918.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States to United States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	1								1		1		1
All other animal	60								60		60		60
Barley	1								1		1		1
Cement, bricks, etc.	98	32							98	32	130		130
Coal, hard	6								6		6		6
Coal, soft		40,462								40,462	40,462		40,462
Dressed meats	3								3		3		3
Flour	630	91							630	91	721		721
Fruits and vegetables	678	12							678	12	690		690
Hay	117								117		117		117
Hides and leather	3	3							3	3	6		6
Household goods	20	52							20	52	72		72
Iron and steel, all other	52	10							52	10	62		62
Live stock	10								10		10		10
Merchandise	3,200	1,067							3,200	1,067	4,267		4,267
Oats	897	10							897	10	907		907
Other mill products	495	107							495	107	602		602
Other packing house products	179	15							179	15	194		194
Other woods	48	220							48	220	268		268
Ore, all other		215								215	215		215
Petroleum	581	62							581	62	643		643
Poultry, game and fish	229	2,786							229	2,786	3,015		3,015
Potatoes	3,462								3,462		3,462		3,462
Sawed lumber	1,419	26							1,419	26	1,445		1,445
Shingles	213	9							213	9	222		222
Square timber	5								5		5		5
Sugar	193	24							193	24	217		217
Salt	1,282	87							1,282	87	1,369		1,369
Wines, liquors and beers	32								32		32		32
Wool	1	1							1	1	2		2
Stone, etc.		510								510	510		510
Total freight	13,915	45,801							13,915	45,801	59,716		59,716

TABLE 7 (No. 10)—General Statement showing the Quantity of each Article Transported on the Murray Canal during the Season of Navigation in 1918.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States to United States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	1								1		1		
Coal, soft			35				799		35	799	834		834
Household goods	5								5		5		
Iron and steel, all other	15	439							15	439	454	454	
Merchandise	4,244	3,025							4,244	3,025	7,269	7,269	
Sand and stone	36,105								36,105		36,105	36,105	
Wines, liquors and beers		67								67	67	67	
Total freight	40,370	3,531	35				799		40,405	4,330	44,735	43,901	834

TABLE 7 (No. 11)—General Statement showing the Quantity of each Article Transported on the Ottawa Canals during the Season of Navigation in 1918.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States to United States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo. }	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	72	9							72	9	81	81	
All other animal	49	2,085							49	2,085	2,134	2,134	
Barley	2								2		2	2	
Buckwheat	2								2		2	2	
Cement, bricks, etc.	679	62							679	62	741	741	
Coal, hard	616						277		893		893		893
Coal, soft	1,279						1,825		3,104		3,104	662	2,442
Corn	30	1							30	1	31	31	
Dressed meats	1	1							1	1	2	2	
Flour	523	101							523	101	624	624	
Fruits and vegetables	136	122							136	122	258	258	
Hay	19	1,573							19	1,573	1,592	1,592	
Hides and leather		15								15	15	15	
Household goods	230	106							230	106	336	336	
Iron, pig and bloom	142	38							142	38	180	180	
Iron and steel, all other	1,115	147							1,115	147	1,262	1,262	
Live stock	63	295							63	295	358	358	
Merchandise	4,830	4,185					4,135		8,965	4,185	13,150	9,015	4,135
Oats	198	37							198	37	235	235	
Other mill products	150	537							150	537	687	687	
Other packing house products	32	5							32	5	37	37	
Other woods	10	2,755							10	2,755	2,765	2,765	
Peas		16								16	16	16	
Petroleum	579	381							579	381	960	960	
Poultry, game and fish	21	25							21	25	46	46	
Potatoes	39	248							39	248	287	287	
Sawed lumber	585	17,431		62,944					585	80,375	80,960	80,960	
Shingles	4	115							4	115	119	119	
Square timber		154		542						696	696	696	
Sugar	898	87							898	87	985	985	
Salt	839	6							839	6	845	845	
Wheat	102	21							102	21	123	123	
Wines, liquors and beers	470	38							470	38	508	508	
Wool		1								1	1	1	
Sand and stone		53,135								53,135	53,135	53,135	
Total freight	13,715	83,732		63,486			6,237		19,952	147,218	167,170	159,700	7,470

TABLE 7 (No. 12)—General Statement showing the Quantity of each Article Transported on the Rideau Canal during the Season of Navigation in 1918.

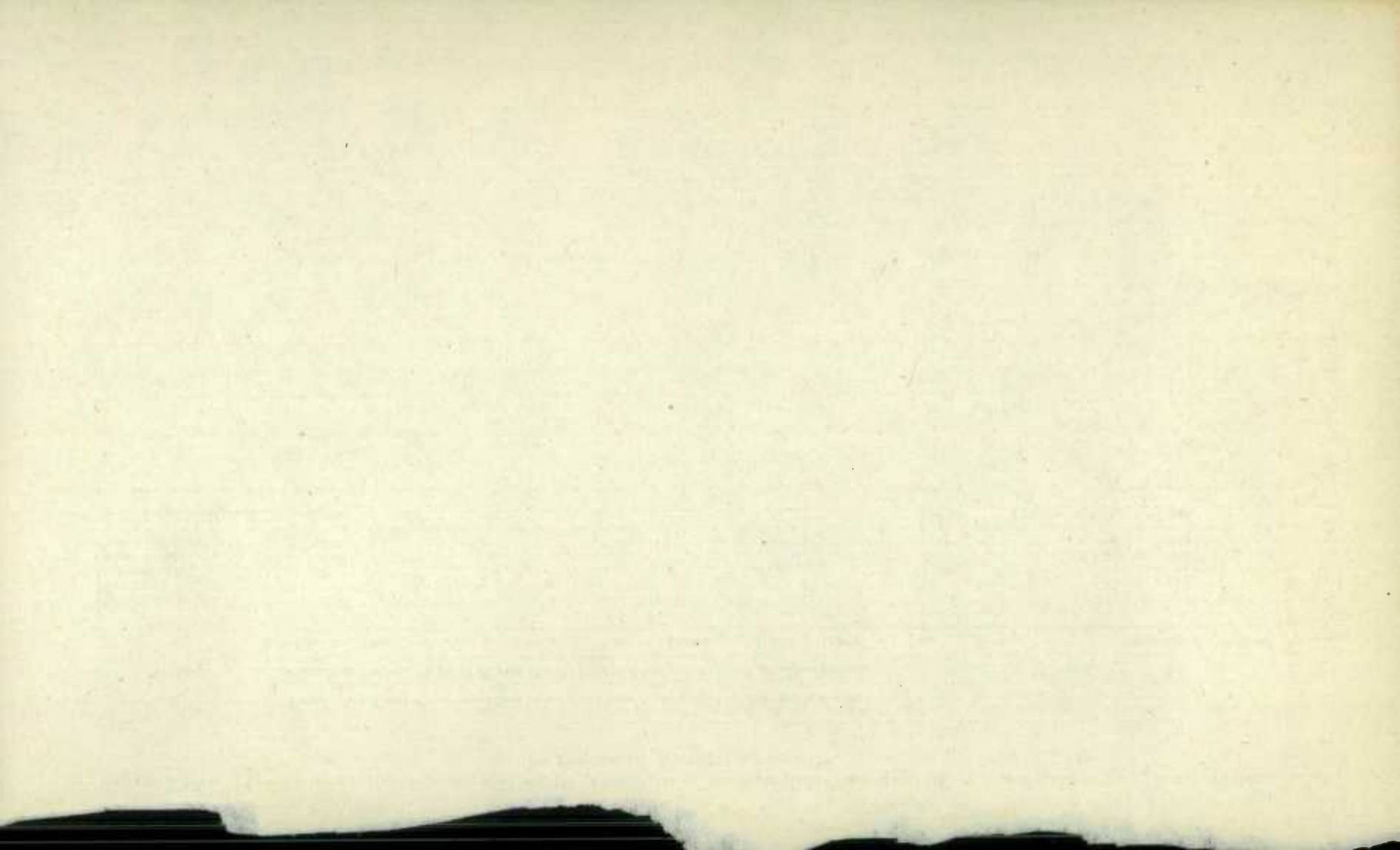
Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States to United States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	41	60							41	60	101	101	
All other animal	192	1,998							192	1,998	2,190	2,190	
Barley		11								11	11	11	
Cement, bricks, etc.	181	132							181	132	313	313	
Coal, hard		1,336					1,894			3,230	3,230	64	3,166
Coal, soft	1	130					307		1	437	438	131	307
Corn		35								35	35	35	
Flour	5	137							5	137	142	142	
Fruits and vegetables	15	18							15	18	33	33	
Hay	620	12							620	12	632	632	
Hides and Leather		15								15	15	15	
Household goods	71	47							71	47	118	118	
Iron, pig and bloom	46	9							46	9	55	55	
Iron and steel, all other	957	72							957	92	1,049	1,049	
Live stock	20	39							20	39	59	59	
Merchandise	3,857	2,230							3,857	2,230	6,087	6,087	
Oats		5								5	5	5	
Other mill products		140								140	140	140	
Other packing house products	28	1							28	1	29	29	
Other woods	353	80							353	80	433	433	
Ore, all other													
Petroleum	233	329							233	329	562	562	
Poultry, game and fish	4								4		4	4	
Potatoes	3	7							3	7	10	10	
Pulpwood		740								740	740	740	
Sand and stone	24,571	5,800							24,571	5,800	30,371	30,371	
Sawed lumber	892	5,118							892	5,118	6,010	6,010	
Shingles	31	2							31	2	33	33	
Square timber	160	2							160	2	162	162	
Sugar	460	107							460	107	567	567	
Salt	316	49							316	49	365	365	
Wheat		5								5	5	5	
Wines, liquors and beers	171	20							171	20	191	191	
Wool		1								1	1	1	
Total Freight	33,228	18,707					2,201		33,228	20,908	54,136	50,663	3,473

TABLE 7 (No. 13)—General Statement showing the Quantity of each Article Transported on the Trent Valley Canal during the Season of Navigation of 1918.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States to United States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States
Agricultural implements	33	5							33	5	38	38	
All other animal		31								31	31	31	
Barley	152								152		152	152	
Cement, bricks, etc.	32	27							32	27	59	59	
Coal, hard	134								134		134	134	
Coal, soft	207	684							207	684	891	891	
Dressed meats	3								3		3	3	
Flax													
Flour	45								45		45	45	
Fruits and vegetables	30								30		30	30	
Hay	21	50							21	50	71	71	
Household goods	34	11							34	11	45	45	
Iron, pig and bloom	9	1							9	1	10	10	
Iron and steel, all other	2								2		2	2	
Live stock	190	39							190	39	229	229	
Merchandise	1,106	969							1,106	969	2,075	2,075	
Oats	109								109		109	109	
Other mill products	19	2							19	2	21	21	
Other woods	12,563	23,214							12,563	23,214	35,777	35,777	
Ore, iron		15								15	15	15	
Peas	30								30		30	30	
Petroleum	27	3							27	3	30	30	
Potatoes	22	4							22	4	26	26	
Pulpwood	30	18,316							30	18,316	18,346	18,346	
Rye	6								6		6	6	
Sand	57								57		57	57	
Sawed lumber	453	4,473							453	4,473	4,926	4,926	
Shingles	46	19							46	19	65	65	
Square timber	21	232							21	232	253	253	
Sugar	11								11		11	11	
Salt	2								2		2	2	
Wheat	1,401								1,401		1,401	1,401	
Wines, liquors and beers	1	1							1	1	2	2	
Wool	1								1		1	1	
Total Freight	16,797	48,096							16,797	48,096	64,893	64,893	

TABLE 7 (No. 14)—General Statement showing the Quantity of each Article Transported on the St. Andrews Canal during the Season of Navigation in 1918.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States. to United States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Household goods.....	7								7		7	7	
Live stock.....		7								7	7	7	
Merchandise.....	40	7							40	7	47	47	
Other woods.....	3,443								3,433		3,433	3,433	
Sawed lumber.....	1,146								1,146		1,146	1,146	
Total Freight....	4,626	14							4,626	14	4,640	4,640	



STATISTICS CANADA LIBRARY

BIBLIOTHÈQUE STATISTIQUE DU CANADA



1010679768